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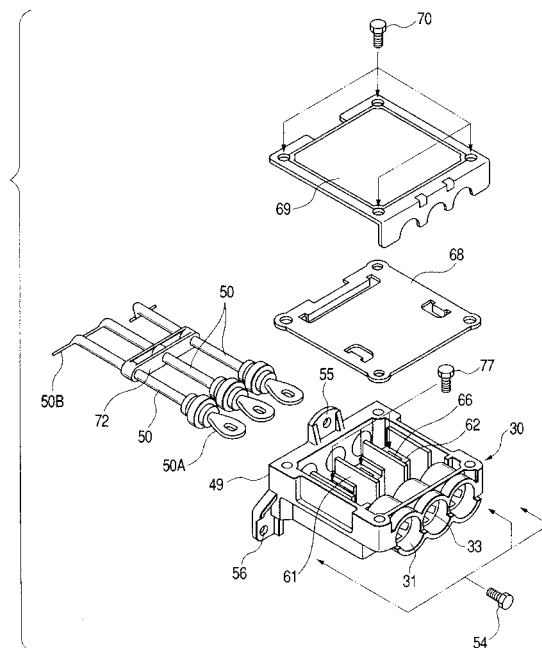
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(54) **Shield connector and terminal connecting device for shielding electric wire**

(57) A connector body 30 to be fixed to a motor case 51 is formed of an aluminum die cast, and is provided, on one of side surfaces thereof, with a cylindrical housing portion 31 for inserting a terminal of a motor cable 10 to be a shielding electric wire. A double enveloping contact 33 is fitted in the housing portion 31 and an eye-ball shaped fixing portion 37 protruded from a front edge thereof is fixed, with a bolt 40, to a fixing base 45 provided integrally on the direct inside of the housing portion 31. A terminal fixture 15 of the terminal of the motor cable 10 is inserted from the housing portion 31 into the connector body 30, and is connected to the other bus bar 50, and a shield shell 21 fitted and attached into a terminal of a shield layer 13 elastically comes in contact with the inner periphery of the contact 33. A reliable electrical connection is obtained between the contact 33 and the housing portion 31 so that a shield function can be displayed effectively.

FIG. 2



EP 1 133 022 A3



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EUROPEAN SEARCH REPORT

Application Number
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The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
Munich		24 March 2005	Drabko, J
CATEGORY OF CITED DOCUMENTS			
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T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

3
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EUROPEAN SEARCH REPORT

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European Patent
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Application Number
EP 01 10 5608

CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

- ☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claim(s):
- ☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

- ☒ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- ☐ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
- ☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- ☐ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:



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**LACK OF UNITY OF INVENTION
SHEET B**

Application Number
EP 01 10 5608

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-2

A shield connector with a contact fixed to a housing portion with a bolt

2. claims: 3-5

A terminal connecting device wherein one of ends of a conducting path has the other end connected to terminal faces an inside of a shield case;
a terminal of a shielding electric wire is inserted into an inserting portion formed on a side surface of the shield case and a terminal of a core of said shielding electric wire and the other end of the conducting path are coupled to each other on an insulating terminal board provided in the shield case

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 01 10 5608

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